



Product Evaluation

WIN2249 | 1017

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: WIN-2249

Effective Date: October 1, 2017

Re-evaluation Date: October 2021

Product Name: Integrity All Ultrex Fiberglass Double Hung Windows, Fin Installation, Non-Impact Resistant

Manufacturer: Integrity Windows and Doors
1320 9th St NE
West Fargo, ND 58078
(800) 587-2712

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Double Hung Window; X/X	LC-PG50 29.5 x 59.5	±50 psf
2	Double Hung Window; X/X	LC-PG40 29.5 x 77.7	±50 psf
3	Double Hung Window; X/X	LC-PG50 35.5 x 59.5	±50 psf
4	Double Hung Window; X/X	LC-PG40 35.5 x 77.7	±40 psf
5	Double Hung Window; X/X	LC-PG40 41.5 x 65.5	±40 psf
6	Double Hung Window; X/X	LC-PG50 47.5 x 47.5	±50 psf
7	Double Hung Window; X/X	LC-PG40 47.5 x 59.5	±40 psf
8	Double Hung Window; X/X	LC-PG30 47.5 x 77.7	±30 psf

Product Dimensions:

System	Overall Size	Exterior Sash Size	Interior Sash Size
1	29-1/2" x 59-1/2"	27-1/4" x 29"	27-1/4" x 29"
2	29-1/2" x 77-11/16"	27-1/4" x 38-1/16"	27-1/4" x 38-1/16"
3	35-1/2" x 59-1/2"	33-1/4" x 29"	33-1/4" x 29"
4	35-1/2" x 77-11/16"	33-1/4" x 38-1/16"	33-1/4" x 38-1/16"

Product Dimensions (Continued):

System	Overall Size	Exterior Sash Size	Interior Sash Size
5	41-1/2" x 65-1/2"	39-1/4" x 32"	39-1/4" x 32"
6	47-1/2" x 47-1/2"	45-1/4" x 23"	45-1/4" x 23"
7	47-1/2" x 59-1/2"	45-1/4" x 29"	45-1/4" x 29"
8	47-1/2" x 77-1/16"	45-1/4" x 38-1/16"	45-1/4" x 38-1/16"

Product Identification (Certification Label on Window):

System		
1-8	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Integrity Windows and Doors from Marvin
	Product Name	Integrity All Ultrex DH
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA/WDMA/CSA 101/I.S.2/A440-11

Impact Resistance:

System	Impact Resistant	Requirement
1-8	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System		
1-8	Type of Installation	Nailing Fin
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	11-gauge galvanized smooth shank roofing nail, 2" long
	Fastener Location/Spacing	Locate the fasteners approximately 6" from each corner and approximately 7" on center along perimeter of the window
	Fastener Penetration	Use fasteners long enough to penetrate a minimum of 1-1/2" into the wall-framing members.

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.